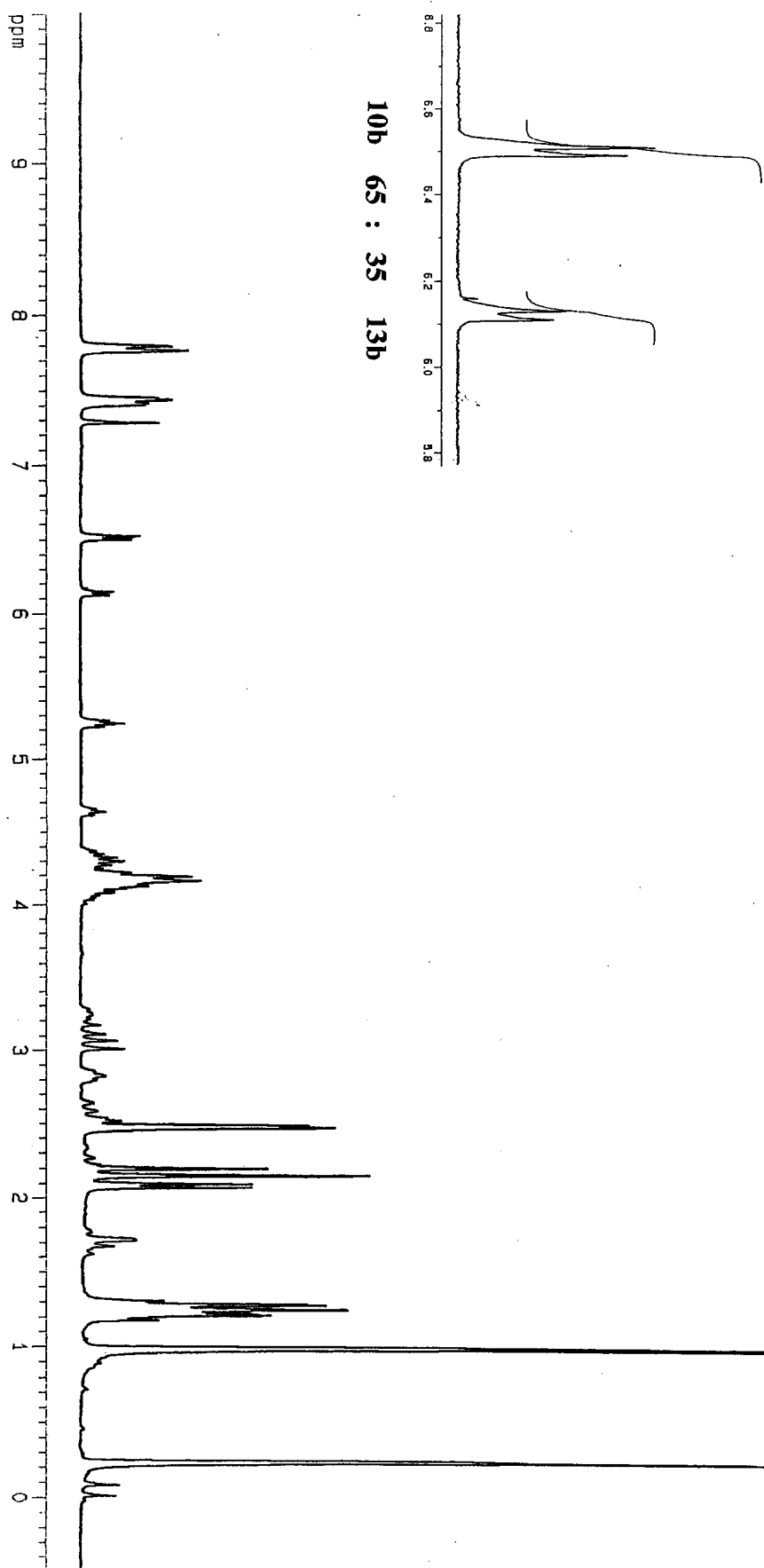
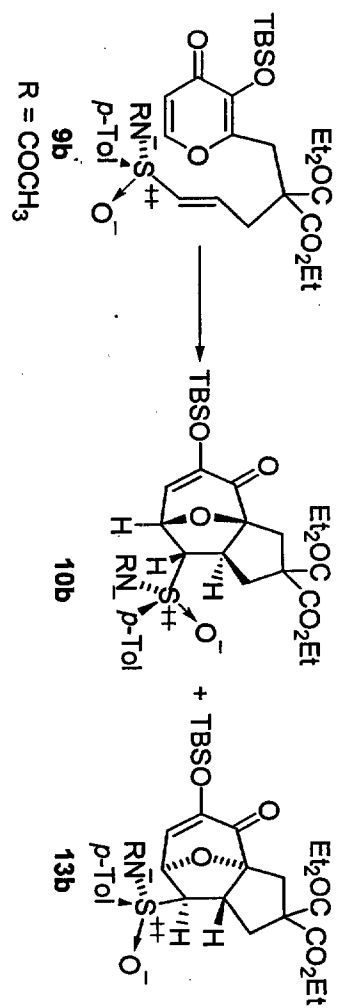
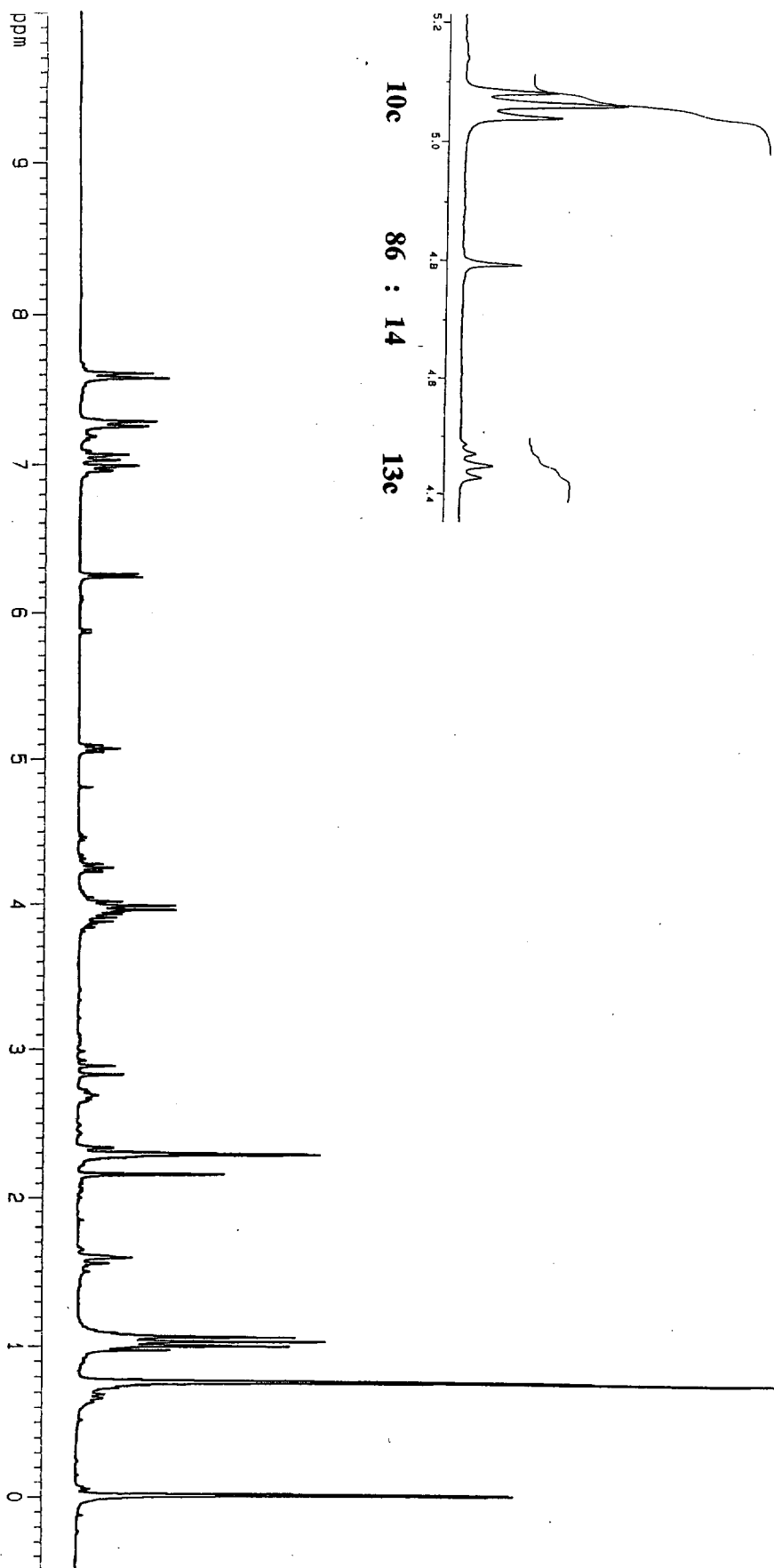
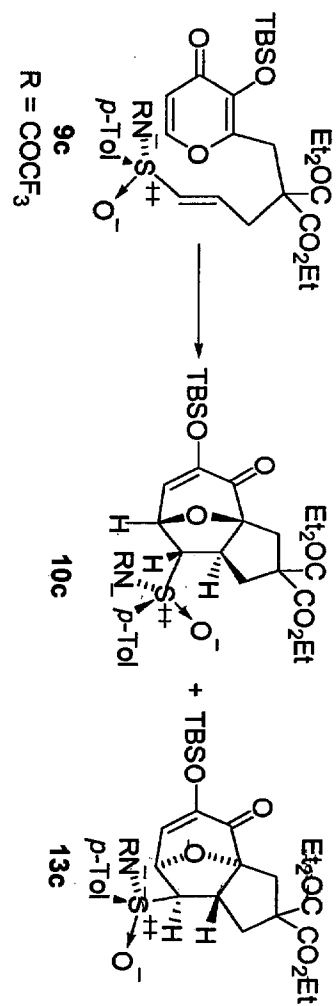


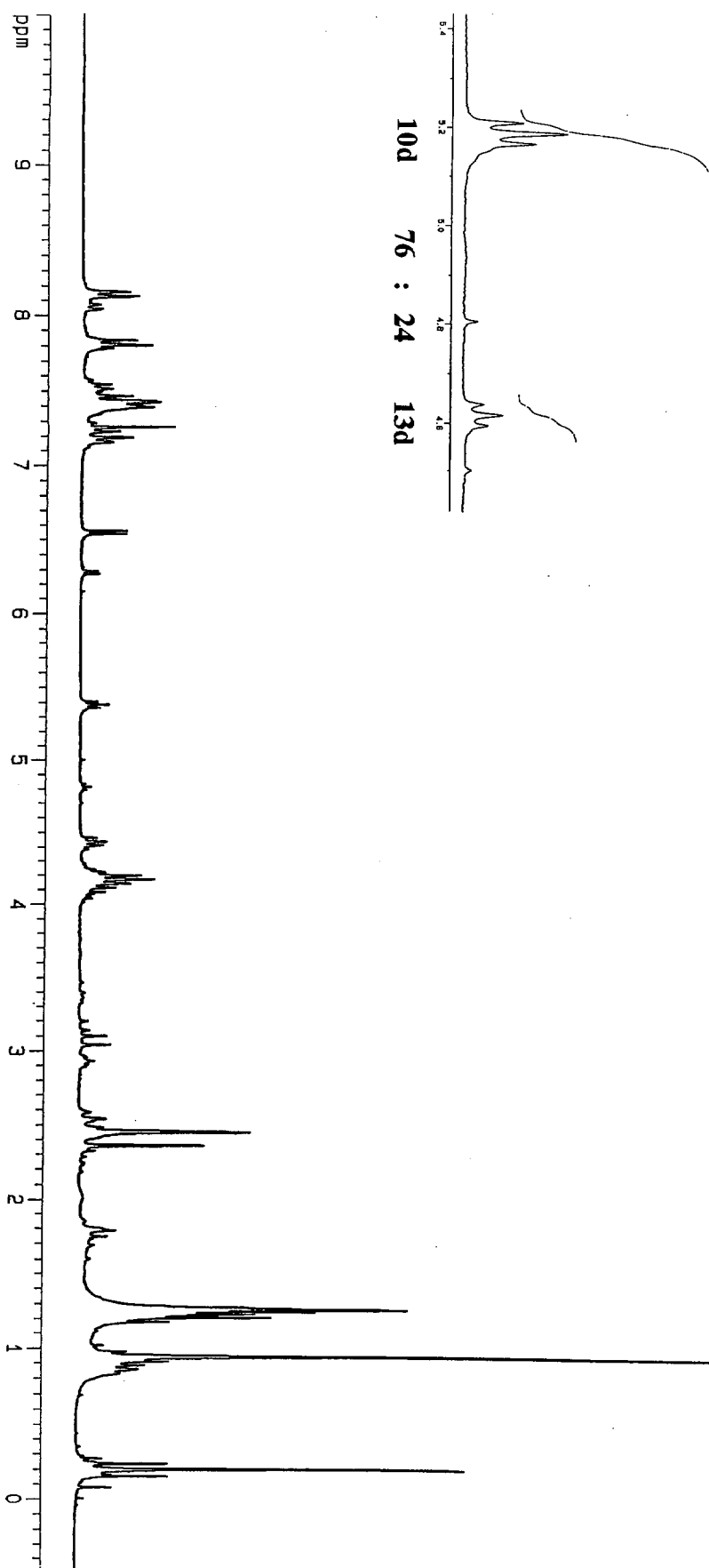
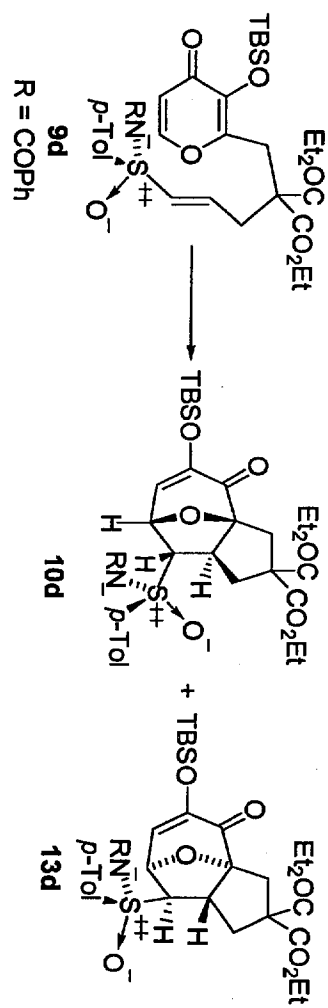
Diastereoisomeric ratio for 10b, 13b. ¹H NMR spectrum of the crude reaction mixture



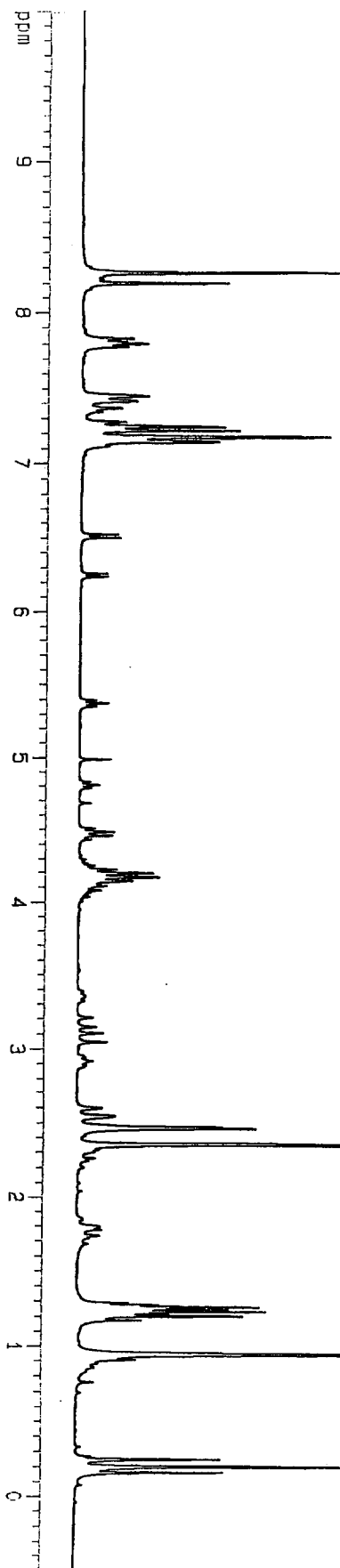
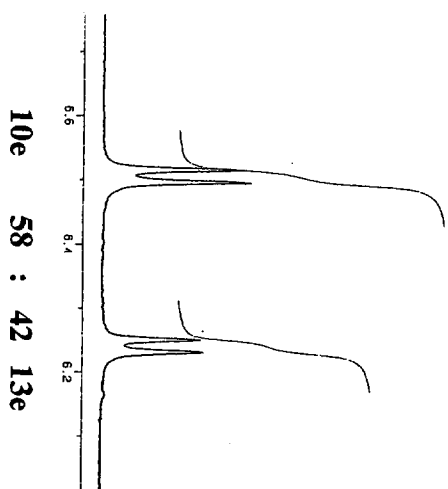
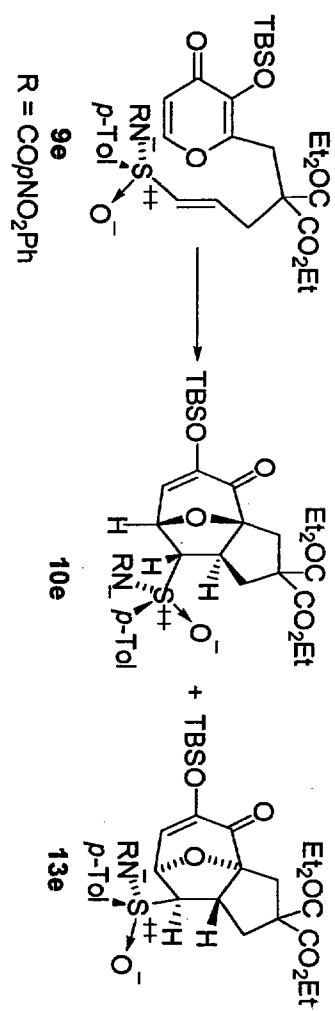
Diastereoisomeric ratio for 10c, 13c. ¹H NMR spectrum of the crude reaction mixture



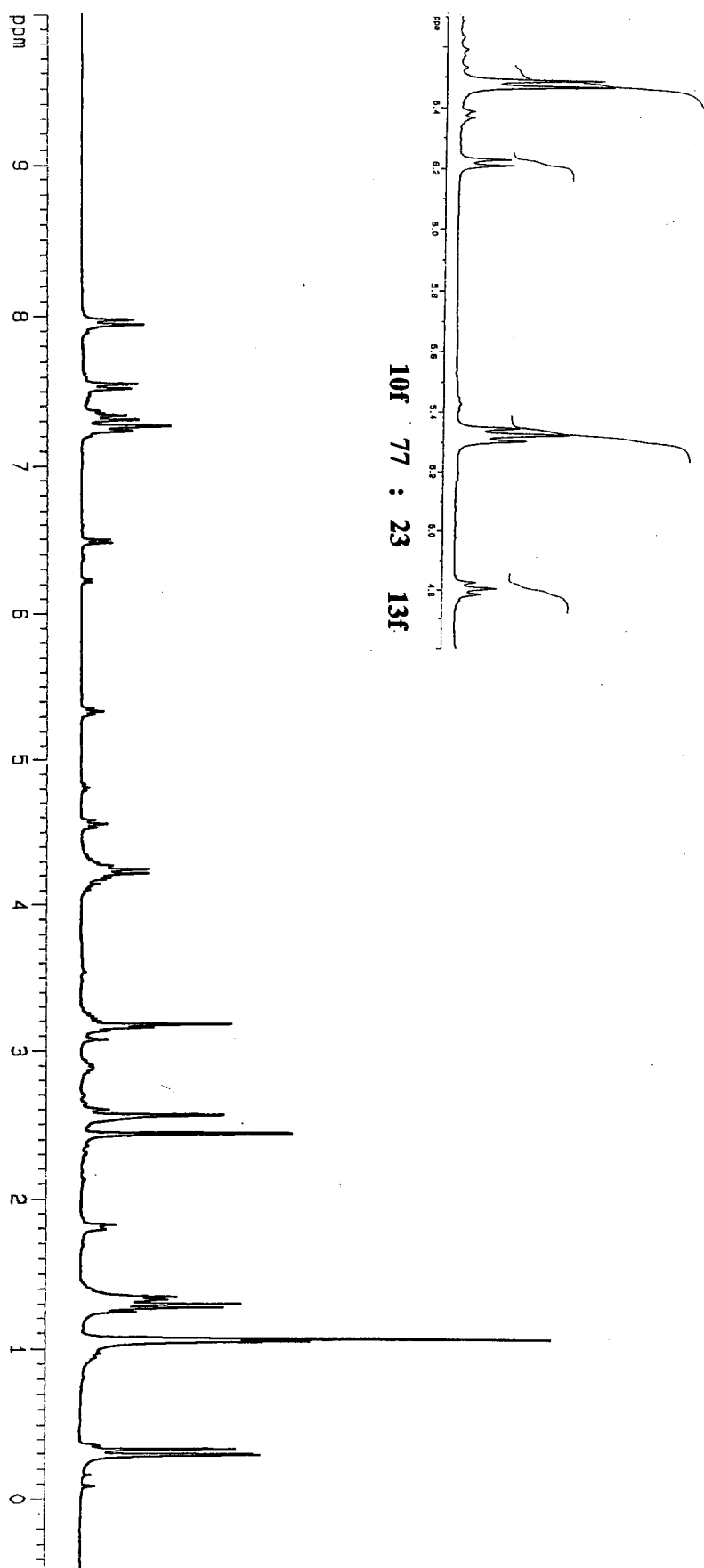
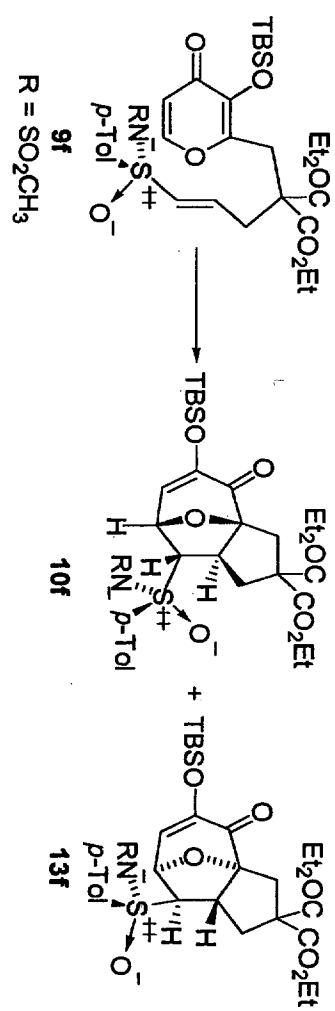
Diastereoisomeric ratio for **10d**, **13d**. ¹H NMR spectrum of the crude reaction mixture



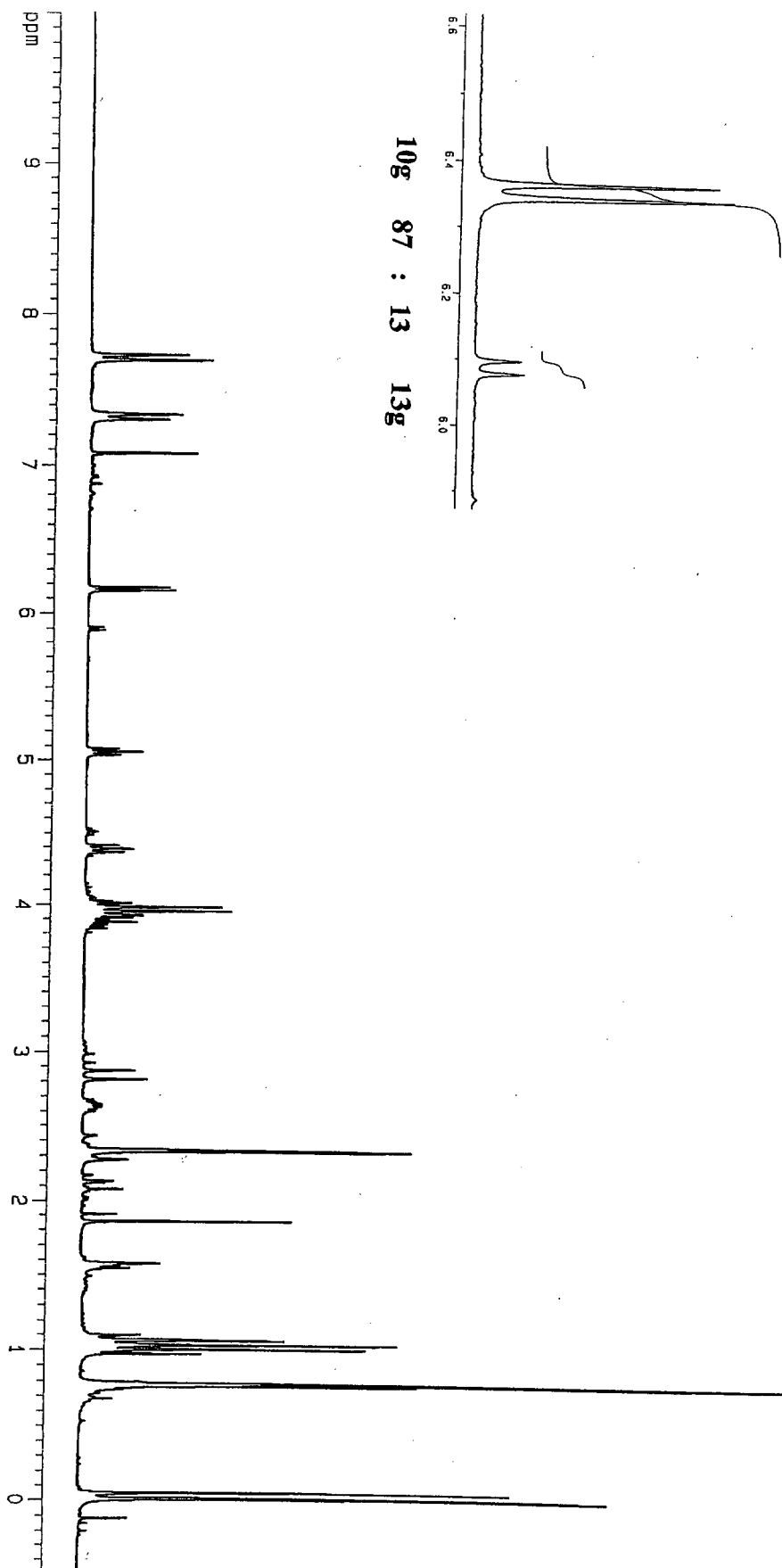
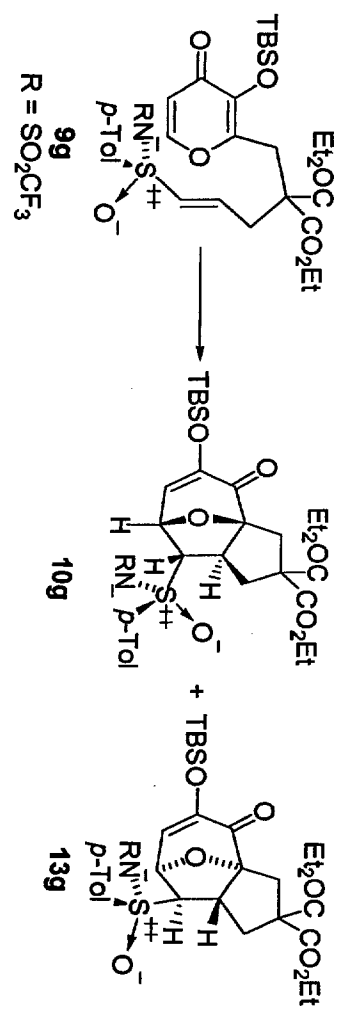
Diastereoisomeric ratio for **10e**, **13e**. ¹H NMR spectrum of the crude reaction mixture



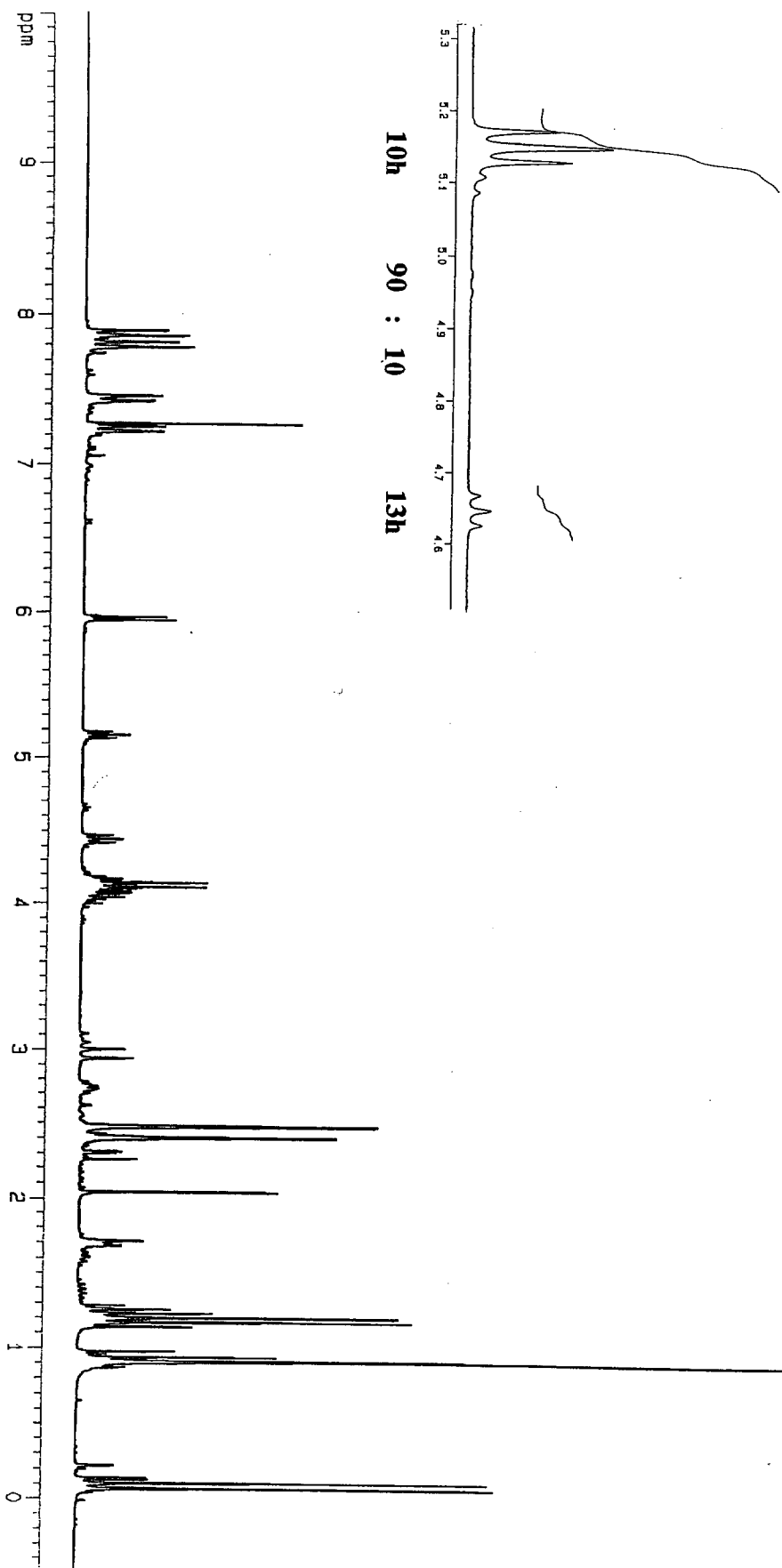
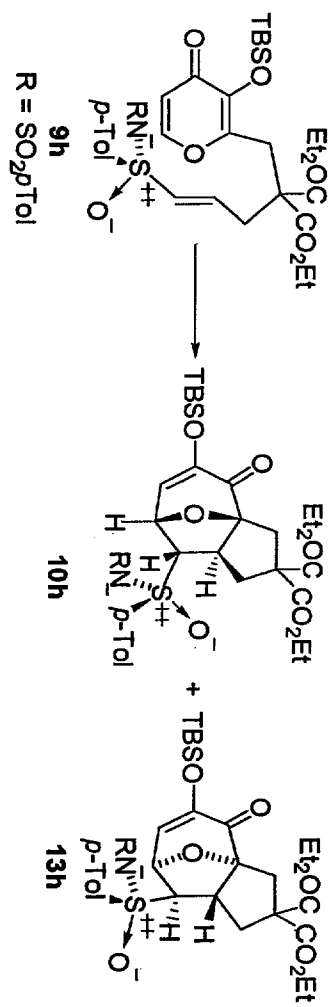
Diastereoisomeric ratio for **10f**, **13f**. ^1H NMR spectrum of the crude reaction mixture

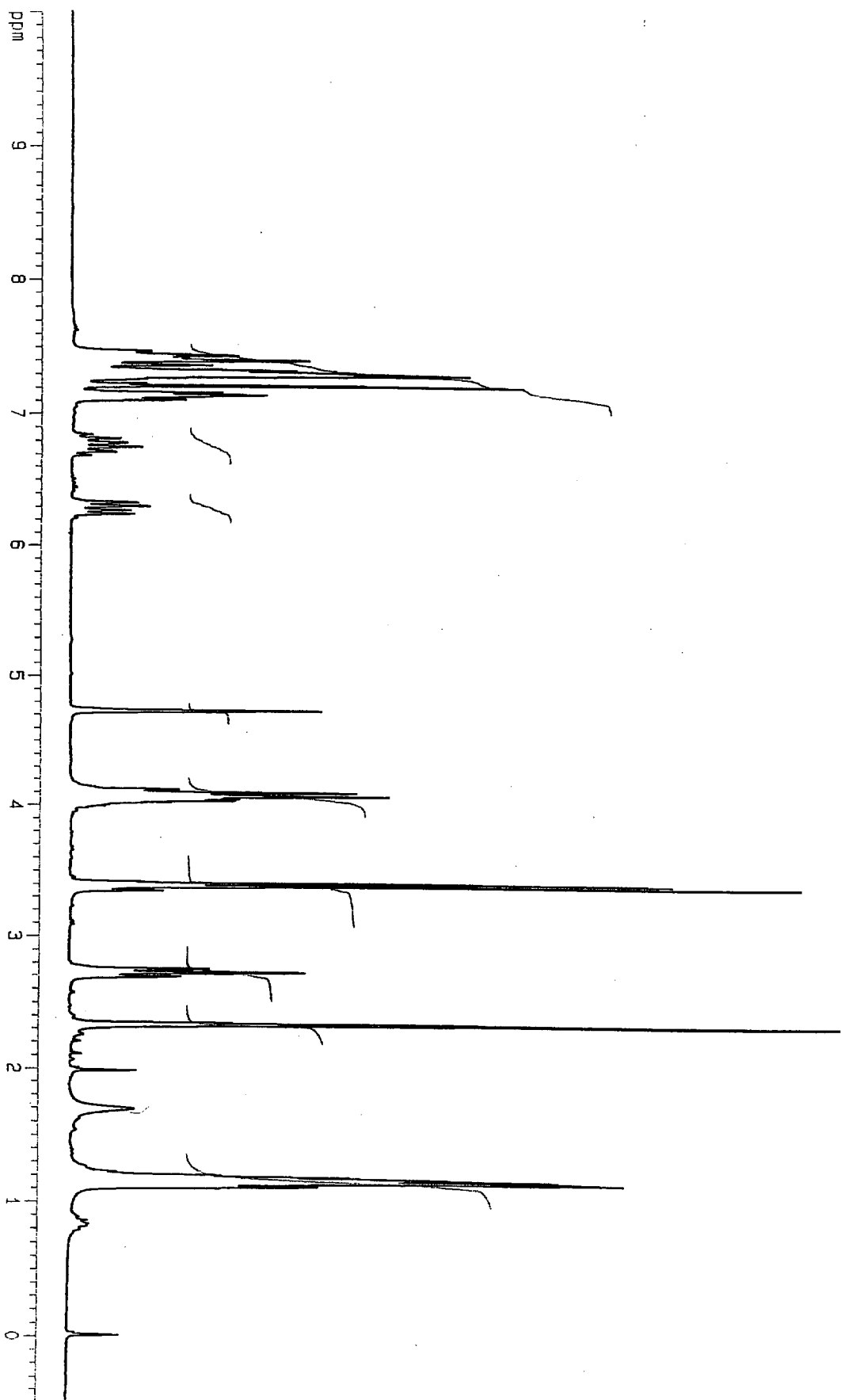
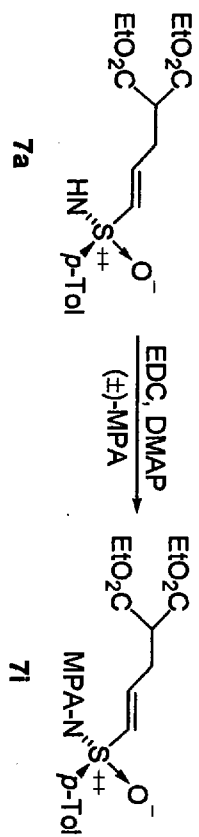


Diastereoisomeric ratio for **10g**, **13g**. ¹H NMR spectrum of the crude reaction mixture

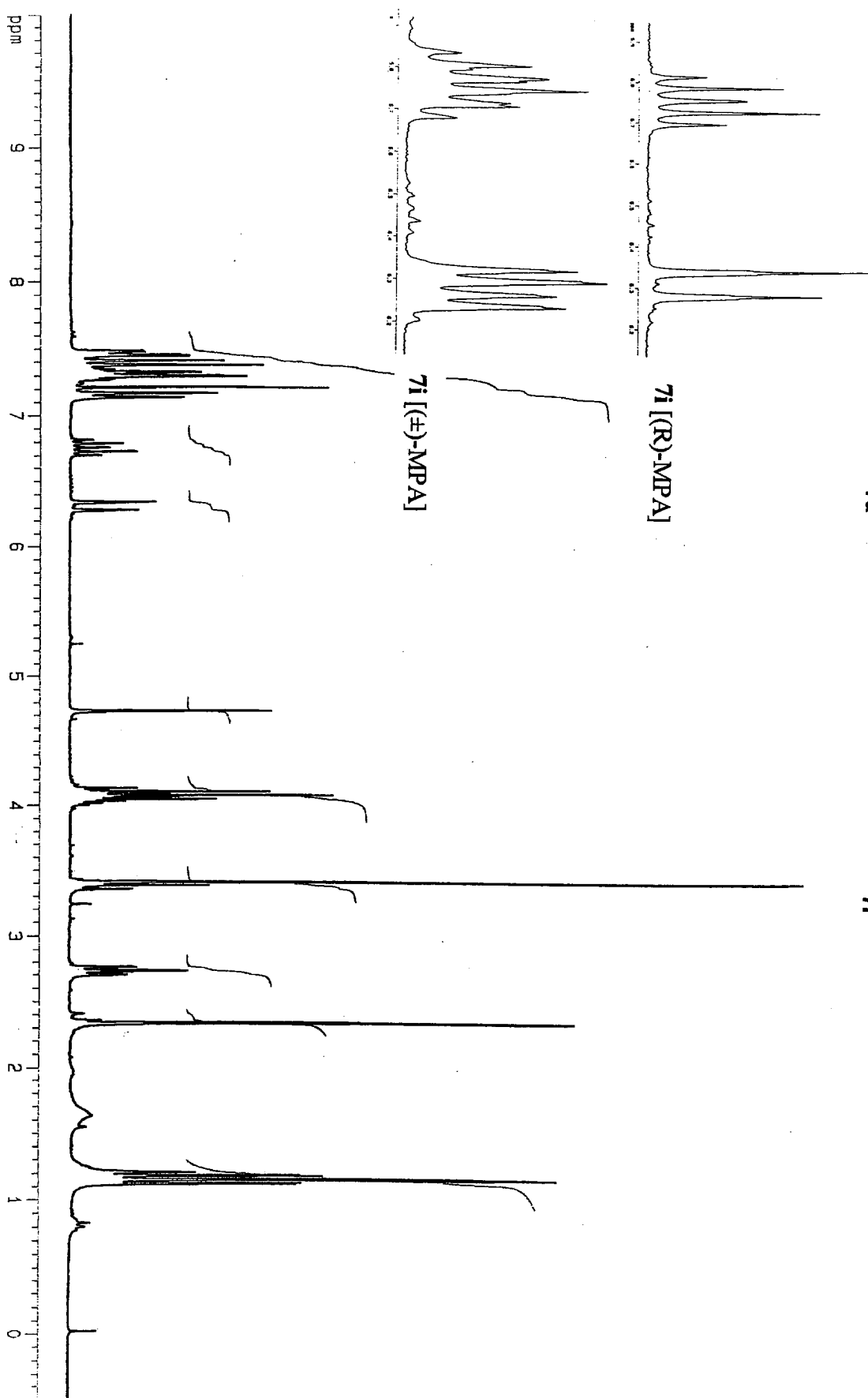
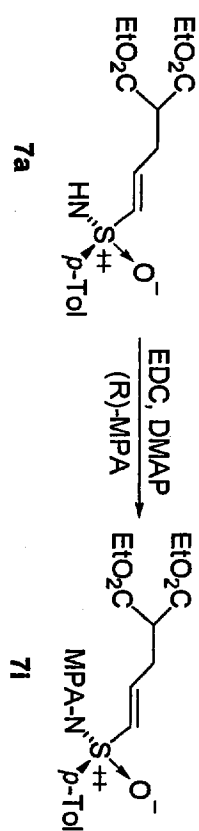


Diastereoisomeric ratio for **10h**, **13h**. ^1H NMR spectrum of the crude reaction mixture

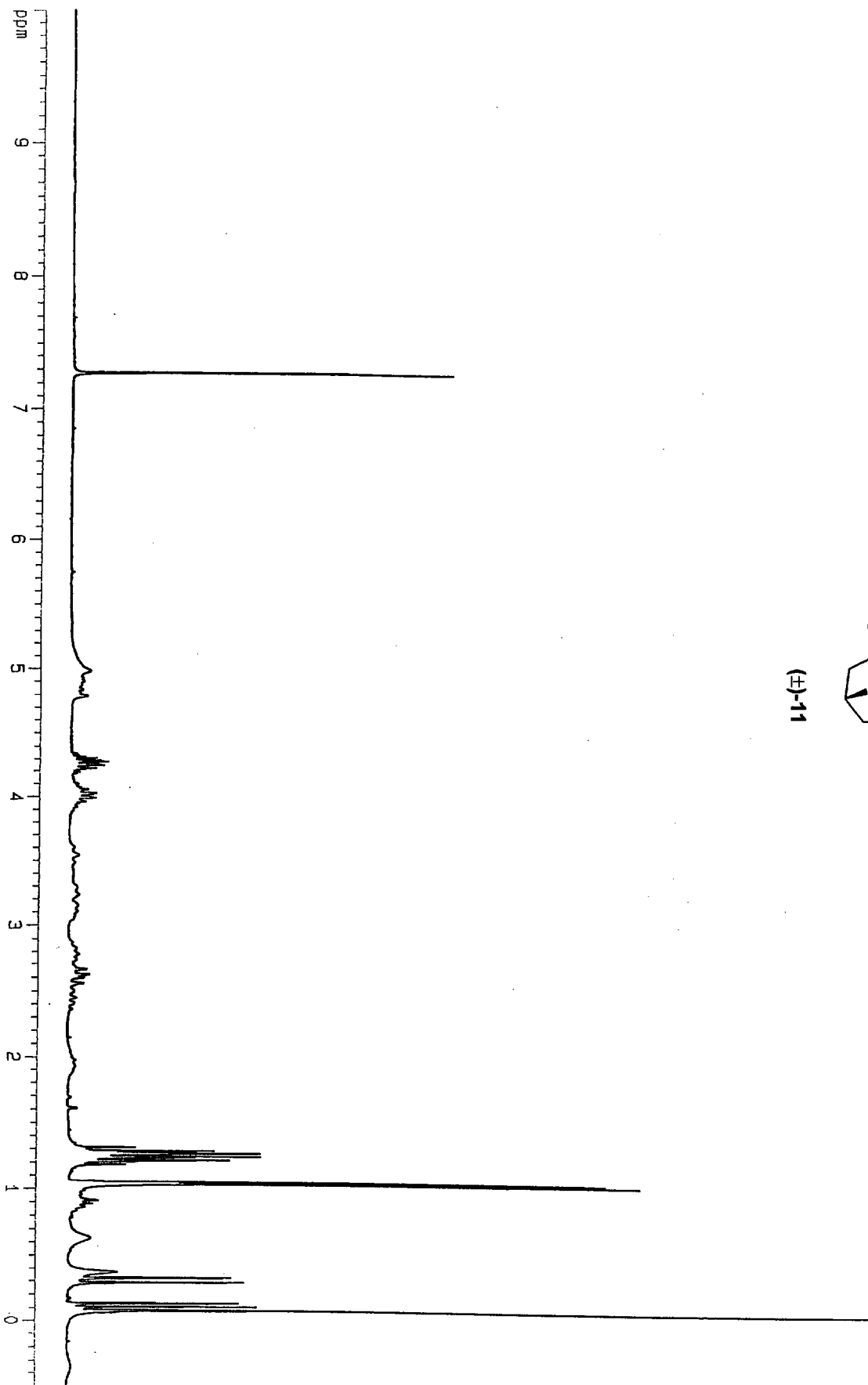
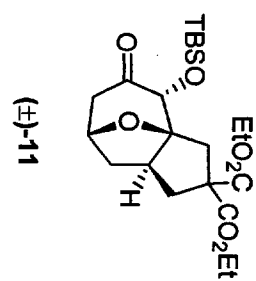


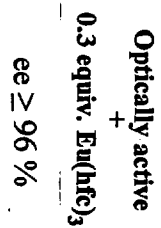
¹H NMR of **7i**. (Obtained from **7a** and (±)-MPA)

¹H NMR of 7i. (Obtained from 7a and (R)-MPA): Enantiomeric excess of 7i



^1H NMR of racemic **11** in presence of 0.3 equiv. of $\text{Eu}(\text{hfc})_3$





Racemic
+
0.3 equiv. Eu(hfc)₃

Enantiomeric excess of (+)-11, (obtained from the mixture of 10f and 13f)

